



The Model 1800 Microelectrode AC Amplifier is a two-channel, differential amplifier equipped with Head Stage probes and is intended for extracellular recording and/or stimulating with high impedance metal microelectrodes in research and teaching applications.

Specifications:

- Amplifier for metal microelectrodes
- Two amplifiers in one instrument
- Two Head Stage probes included
- Recording gain options: x100, x1000, x10 000
- Low noise (1.0 μ V p-p typical, 10 Hz - 10 kHz)
- High common-mode rejection ratio (110 dB at 60 Hz)
- High line frequency rejection with notch filter (>110 dB at 60 Hz) (50 Hz notch filter optional)
- High input impedance (100 000 M Ω)
- Low input bias current (\pm 3 pA typical; \pm 20 pA maximum)
- Adjustable low and high frequency filters
- Power supply may be set for 110 VAC at 60 Hz or 220 VAC at 50 Hz

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